| 1111            | <u> </u>        |           |  |                        |   |             |              |       |                 |          |  | 09/884,741              |                         |           |              |   |          |              |              |                 |          | HOLZER, DAVID |                         |                |  |                 |                 |   |  |
|-----------------|-----------------|-----------|--|------------------------|---|-------------|--------------|-------|-----------------|----------|--|-------------------------|-------------------------|-----------|--------------|---|----------|--------------|--------------|-----------------|----------|---------------|-------------------------|----------------|--|-----------------|-----------------|---|--|
|                 | E               |           |  |                        |   |             |              |       |                 |          |  | Examiner                |                         |           |              |   |          |              |              |                 | Art Unit |               |                         |                |  |                 |                 |   |  |
| ·               |                 |           |  |                        |   |             |              |       |                 |          |  | David E. Spaland        |                         |           |              |   |          |              |              |                 |          |               |                         |                |  |                 |                 |   |  |
|                 | -               |           |  |                        |   |             |              |       |                 |          | U  | David E. England        |                         |           |              |   |          |              |              | 2143            |          |               |                         |                |  |                 |                 |   |  |
|                 | _               | _         |  |                        | _   |             |              |       | _               |          |  | _,                      |                         |           |              |   |          |              | ,            |                 |          |               |                         |                |  |                 |                 |   |  |
|                 | √ Rejected – (T |           |  |                        |   |             |              |       | hrough numeral) |          |  |                         |                         | 1         | NI.          | t   | -1       |              |              |                 |          |               |                         |                |  | l               |                 |   |  |
|                 | A Kelecied      |           |  |                        |   | Cancelled   |              |       |                 |          | •  |                         | N                       | ı         | Non-Elected  |   |          |              |              | A               | Appeal   |               |                         |                |  | ŀ               |                 |   |  |
|                 |                 |           |  |                        | Н   | 1           |              |       |                 |          |  | $\dashv$                | <b>!</b>                |           |              |   |          | 1            | $\vdash$     |                 |          |               |                         |                | ┨  |                 |                 |   |  |
|                 | = Allowed       |           |  |                        | +   | Restricted  |              |       |                 |          |  |                         | 1                       | 1         | Interference |   |          | 1            | 0            |                 | Ob       | ect           | ed                      |                | l  |                 |                 |   |  |
|                 | <u> </u>        |           |  |                        |   |             |              |       |                 |          |  |                         | L                       |           |              |   |          |              |              |                 |          |               |                         |                |  |                 |                 |   |  |
|                 |                 |           |  |                        |   |             |              |       |                 |          |  |                         |                         |           |              |   |          |              |              |                 |          |               |                         |                |  |                 |                 |   |  |
| Claim           | 13              | Date Date |  |                        | <del>, , , , , , , , , , , , , , , , , , , </del> |             | Claim        |       |                 | Da       |  |                         |                         |           | CI           | aim   |          | Date         |              |                 |          |               |                         |                |  |                 |                 |   |  |
| <u>_   _   </u> | 20              | 13        | 3  |                        | 1-1   |             | ۔ ا          | _   . | ਰ               | 1        |  |                         |                         | 1         | - [          |   |          |              | <del>-</del> |                 |          |               |                         | Γ              |  |                 |                 |   |  |
| Final           | 13              | TR.       | #  |                        |   | 1           |              | Lina  | Original        |          |  |                         | 1                       | 1         | ŀ            |   |          | Final        | Original     |                 |          | -             |                         |                | 1  |                 |                 |   |  |
| <u>"</u>   ö    | 13              | *         | 9  | 111                    |   |             | Ü            | -   ; | 5               |          |  |                         | - 1                     | 1         | - 1          |   |          | Œ            | Ö            |                 |          | -             |                         |                | 1  |                 |                 |   |  |
|                 | V               | 4         | } -  |                        | $\perp$   | _           | -            |       | _ [             | -        |  | $\dashv$                | _                       | 4         | -            | _   | _        | <u> </u>     |              |                 | _        | 4             | 1                       | <u> </u>       | <u> </u>   |                 | Щ               |   |  |
| 1 1             | 1               | 1         | 7-1-   | +++                    |   |             | ŀ            | -1:   | 11              |          |  | 4                       | -                       | 4         | -            | -   | 4        | ļ            | 101          |                 | -        | _             |                         | 1_             | ↓_   |                 | Щ               |   |  |
| 3               | +1              | ╁         | ++   | +++                    | ╂┦  |             | - I          |       | 2               | +-       |  | -+                      |                         | +         | $\dashv$     | +   | -4:::    | <u> </u>     | 102          |                 |          | 4             | +                       | ╄-             | ┡  |                 | Ш               |   |  |
| 3               | +               | H         | ++   | <del></del>            | +   | -           | -            | -+:   | i3<br>i4        | +-       | -  | +                       |                         | ╀         | +            | +   | - :::    | <u> </u>     | 103          |                 | -        | +             | +-                      | ╄              | ╄  | <u> </u>        | $\vdash \dashv$ |   |  |
| 5               | ╫               | ╫         | ++   | ╌┼╌┼╌┼╴                | +   |             | -            |       | 55              |          | $\vdash$   | +                       | +                       | ╫         | -+           |   | -        |              | 104<br>105   |                 | -        | -             |                         | ┼              | ┼  | -               | <u> </u>        |   |  |
| 6               | H               | ╫         | +-+-   | +++                    | +   |             | -            |       | 66              | +        | ┝┯┼  | -                       |                         | ┿         | -            | +   | -        |              | 106          | Н               | -+       |               | +-                      | ┼              | ┼  | -               | Н               |   |  |
| 1 7             | Н               | H         | ┼┼   | +++                    | +   |             |              |       | 7               | +        | ╂╼┼  | -                       |                         | +         | -            | -   | - :::    | <u> </u>     | 107          | H               | +        | -             | +                       | ╁┈             | ┼  | -               | $\vdash \dashv$ |   |  |
| 8               | H               | Н         | +  | <del>- - - -</del>     | +   | $\dashv$    | $\vdash$     |       | 8               | ┰        | $\vdash$   | +                       |                         | +         | +            |   | -        | <del> </del> | 108          | Н               | $\dashv$ | ╅             | +                       | ╁              | ⊢  | -               | Н               |   |  |
| 9               | +               | Н         | ╁┼   | <del>-   -   -  </del> | +   | H           |              |       | 9               | +        | ╁  | ╅                       | - -                     | +         | +            | +   | $\dashv$ |              | 109          | $\vdash$        | +        | ╁             | ┰                       | ╀              | ┼  | $\vdash$        | Н               |   |  |
| 10              | +-              | ##        | ++   | <del></del>            | +-  | -           | ∷⊢           |       | 50              | +        | <del>                                     </del> | $\dashv$                |                         | +         | +            | +   | -        |              | 110          | -               | -+       |               |                         | ╁╴             | ┢  | -               | $\vdash\dashv$  |   |  |
| 11              | 11              | 11        | +  | <del></del>            | 1   |             |              |       | <del>1</del>    |          | $\vdash$   | +                       | -                       | 十         | -            |   | -        |              | 111          | ┢╾╅             | +        | +             | ╅                       | ╁╴             | ╁  | Η-              | Н               |   |  |
| 12              | 11              | 11        | +  | 111                    | 1   | -           |              |       | 2               | +        | 1 1  | +                       | +                       | †         | $\dashv$     | +   | 1        | -            | 112          |                 | +        | +             | +                       | +              | $\vdash$   | $\vdash$        | Н               |   |  |
| 13              | $\Pi$           | 11        | 1  |                        | $\top$  |             |              |       | 33              | $\top$   | 1  | 1                       | _                       | †         | 7            | +   | ۱        |              | 113          | Н               | $\dashv$ | 十             | +-                      | ╁              | ╁╴   | H               | Н               |   |  |
| 14              | $\Pi$           | 11        |  |                        | $\top$  |             |              |       | 34              | $\top$   |  | $\dashv$                | $\neg$                  | $\dagger$ | $\dashv$     | 十   | ٦        |              | 114          | П               | 1        | 7             | ╁                       | ${}^{\dagger}$ | T  | H               | М               |   |  |
| 15              | П               | 11        |  |                        | $\top$  |             |              |       | 55              | 1        |  | 1                       | _                       | †         | $\neg$       |   | 7        |              | 115          |                 | $\dashv$ | $\top$        | 1                       | ┪~~            | †  | 1               | Н               |   |  |
| 16              | П               | П         |  |                        |   |             |              |       | 6               | _        |  |                         |                         | T         | 7            | $\top$  | 7        | -            | 116          | П               | 寸        | 十             | 十                       | 1              | 1  | $\vdash$        | М               |   |  |
| 17              | $\prod$         | $ m I\!I$ |  |                        |   |             |              |       | 57              |          |  | 1                       |                         | T         | $\neg$       | $\neg$  | 7::::    |              | 117          |                 | $\neg$   | T             | 1                       | $\top$         | $\vdash$   |                 | П               |   |  |
| 18              | Ц               | П         |  |                        |   |             |              |       | 8               |          |  | $\Box$                  |                         | Ι         |              |   |          |              | 118          |                 | $\Box$   | $\top$        | T                       | 1              |  |                 |                 |   |  |
| 19              | Ц               | Щ         |  |                        | $\perp$   |             |              |       | 9               |          | Ш  |                         |                         | 1         |              | $\perp$   |          |              | 119          |                 |          |               | T                       |                |  |                 |                 |   |  |
| 20              | Ш               | Щ.        | $\bot \bot$                                      |                        | 44  |             | _            |       | 0               |          |  | _                       |                         | 1         | $\perp$      |   | _        |              | 120          |                 |          |               |                         |                |  |                 |                 |   |  |
| 21              | 44              | #         | $\perp \perp$                                    | +++                    | 44  | _           | -            |       | 1               | 1        |  | 4                       | _                       | 1         | 4            | _   | 488      |              | 121          | Ц               | _        |               | ↓                       | 丄              | L  | Ш               |                 |   |  |
| 22              | #               | ₩         | -  |                        | $\bot$  |             | <u> </u>     |       | 2               |          | Ц.   | 4                       | $\bot$                  | 1         | 4            | _   | 4        |              | 122          |                 | _        | _             |                         | <u> </u>       | L.   |                 | Ш               |   |  |
| 23              | ₩               | ₩         | -  |                        | +   | <u> </u>    | ::  <u> </u> |       | '3              |          | $\vdash$   | -                       |                         | 4         | 4            |   | 4:::     |              | 123          | Ш               | _        | _             | _                       | ↓_             | ↓_   |                 |                 |   |  |
| 24<br>25        | ₩               | ₩         | ╁╌┼╴   |                        |   |             | - I          |       | 4               |          |  | -                       | -                       | +         | -            | -   | 4:::     |              | 124          | Ш               | -        | 4             | +                       | ╄              | ↓  |                 | Щ               |   |  |
| 25              | ╫               | ₩         | ┼╌┼╴   | ╌┼╌┼╌                  | +   | :           | ∷⊩           |       | 6               | ┼        | ┢╼┿  | +                       |                         | +         | +            |   | -        | ļ            | 125          | ╌┤              | +        | +             | +-                      | ╀              | ⊬  | Н               | $\dashv$        |   |  |
| 27              | ╁╂              | ╁         | ++   | ++-                    | +-1   |             | -            | -1:   | 7               | +        | ┝╾┼  | ┰                       | +                       | ╁         | +            | -   | - :::    | <u> </u>     | 126<br>127   | Н               | +        | +             | ╀                       | ╂—             | Ͱ  | Н               | Н               |   |  |
| 28              | ++              | ╫         | +-+  | ++-                    | +-1   |             | -            |       | 8               | ╁        | ┝╾┼  | ┰                       | +                       | ╁         | +            | ┿   | -        | $\vdash$     | 128          | Н               | +        |               | ┿                       | ├              | ┈  | Н               | Н               |   |  |
| 29              | #               | Ħ         | <del>     </del>                                 | +++                    | +   |             | ⊪⊢           |       | 9               | ╅        | ┝╌┼  | +                       | +-                      | +         | +            | +-  | -        | <u> </u>     | 129          | $\vdash$        | $\dashv$ | ┰             | ┿                       | ┼              | -  | -               | Н               |   |  |
| 30              | V               | V         | 1  | +++                    | 1-1   |             |              | E     | 0               | 1-       |  | +                       | +                       | +         | +            |   | -1:::    | <b></b>      | 130          | $\vdash$        | $\dashv$ | +             | ╁                       | ┼~             | ╁  |                 | -               |   |  |
| 31              | 1               | 1         | 1-1-   | $\top$                 | 1   | 7           |              |       | 11              | 1        | $\vdash$   | _                       | 1                       | Ť         | +            | +   | 1        | <u> </u>     | 131          | $\vdash$        | $\dashv$ | +             | +                       | <del> </del>   | <del>                                     </del> | $\vdash$        | $\vdash$        |   |  |
| 32              | Γ               | Γ         |  |                        |   |             |              |       | 2               |          | $\Box$   | $\dashv$                | $\top$                  | Ť         | $\dashv$     | 十   | 7        |              | 132          | $\sqcap$        | $\dashv$ | 十             | $\top$                  | T              | 1  | $\vdash$        | $\vdash$        |   |  |
| 33              |                 | Γ         |  |                        |   |             |              |       | 3               |          |  |                         |                         | T         | $\Box$       | 丁   |          |              | 133          | П               | $\dashv$ | $\top$        | 1                       |                |  | М               | $\vdash$        |   |  |
| 34              |                 | L         |  |                        |   |             |              | 8     | 4               |          |  | $oldsymbol{\mathbb{I}}$ | $oldsymbol{\mathbb{T}}$ | Ι         |              |   |          |              | 134          |                 |          |               | 1                       |                | Π  | П               |                 |   |  |
| 35              | Ĺ               | L         |  |                        | $\Box$  |             |              |       | 5               |          | $\square$  | I                       | Ι                       | Ι         | I            | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ];;;     |              | 135          |                 | T        |               | Ι                       | $L^-$          |  |                 |                 |   |  |
| 36              | L               | L         | 1-1-   | $\bot$                 | 4   | _#:         | L            | . [ 8 | 6               | $\perp$  | Ц  | $\bot$                  | Т                       | ſ         | $\Box$       |   | ]:::     |              | 136          |                 | $\Box$   | I             | $oldsymbol{\mathbb{T}}$ |                |  |                 |                 |   |  |
| 37              | _               | ┺         | ┦-   |                        | 4-1   | 4           | <u> </u>     |       | 7               |          |  | _                       |                         | L         |              | $\perp$   |          |              | 137          |                 |          |               |                         |                |  |                 |                 |   |  |
| 38              | -               | ↓_        | ┼-   |                        | $\perp$   |             |              |       | 8               |          | <b></b>  | _                       |                         | ╀         | $\perp$      | _   | _        |              | 138          |                 | $\perp$  |               |                         |                |  |                 |                 |   |  |
| 39              | ـ               | ـ         | <del>                                     </del> |                        | +-1   |             | -            |       | 9               | -        | 1  | 4                       |                         | 1         | 4            | _   | 4        |              | 139          | $\Box$          | _        |               | 4_                      | Ŀ              | <u> </u>   | Ш               |                 |   |  |
| 40              | ┼               | ╀         | $\vdash$   | +++                    | 4-4   |             | <u> </u>     |       | 0               | 1        | $\vdash$   | 4                       | 4-                      | 4         | 4            | 4   | _ :::    |              | 140          | Ц               | _        | _             | ┷                       | L              | ╙  | Ш               | Ц               |   |  |
| 41              | $\vdash$        | $\vdash$  | ╁╌┼╴   | +++                    | ╁┵  |             |              |       | 1               | +-       |  | +                       | +                       | +         | 4            | +   | 4        | <u> </u>     | 141          |                 | _        | 4             | 4                       | 1              | <u> </u>   | Ш               | ᆸ               |   |  |
| 42              | ╁               | ╀         | +  | ++-                    | ╂╼╂   |             | ⊪-           |       | 2               | +-       | -  | +                       | +-                      | +         | -            | +   | -        | <b> </b> -   | 142          | $\vdash \vdash$ | -        | 4             | +                       | <del> </del>   | <b>!</b>   | $\sqcup$        | $\Box$          |   |  |
| 43              | +               | $\vdash$  | <del>                                     </del> | +                      | ┼╌┤   |             |              |       | 3               | +-       | $\vdash$   |                         | +-                      | +         | +            | +   | -        |              | 143          | $\vdash \vdash$ | +        |               | +-                      | ├              | ├  | $\vdash \vdash$ | $\vdash$        |   |  |
| 45              | +               | +         | +  | <del></del>            | ╁╾╅   | - :         | -            |       | 5               | +        | -  | +                       | +                       | +         | +            | +   | - :::    | <del> </del> | 144<br>145   | $\vdash$        | -        |               | ┿                       | ₩              | -  | ┝╌┤             |                 |   |  |
| 46              | $\vdash$        | $^{+}$    | <del>   -</del>                                  | <del>+</del>           | +   |             | -            |       | 6               | +-       | -  | +                       | +                       | +         | +            | +   | -        | <b></b>      | 146          | $\vdash$        | +        | +             | +-                      | $\vdash$       | $\vdash$   | ┝╌┤             | $\dashv$        |   |  |
| 47              | T               | T         | <del>     </del>                                 | +++                    | +-  | -           | -            |       | 7               | +        | $\vdash$   | +                       | ╁                       | +         | +            | +   | 1        | <del> </del> | 147          | $\vdash$        | $\dashv$ | +-            | +                       | +-             | <del>  -</del>                                   | $\vdash \vdash$ | $\dashv$        |   |  |
| 48              | Т               | 1         | 11   | +++                    | 1-1   | <b>-</b>  : |              |       | 8               | 1        | $\dashv$   | $\top$                  | +-                      | +         | +            | +   | 1::      |              | 148          | -               | -+       | +             | +                       | $\vdash$       | 1  | ┝╼┤             |                 |   |  |
| 49              |                 | Γ         |  |                        |   |             |              |       | 9               | 1        |  | +                       | 1                       | $\dagger$ | 十            | +   | 1        |              | 149          | -               | +        | +             | +                       | <del> </del>   | <del>                                     </del> | $\vdash$        | $\dashv$        |   |  |
| 50              |                 | $\Gamma$  |  |                        |   |             |              |       | 00              | $\Gamma$ |  | 1                       | $\top$                  | T         |              | $\top$  |          |              | 150          | 7               | $\dashv$ | +             | 1                       | 1-             |  | $\vdash$        | $\dashv$        | • |  |
|                 |                 |           | -  |                        |   | _           |              |       |                 |          |  |                         |                         |           |              |   | _ '      |              |              |                 |          |               |                         |                |  |                 |                 |   |  |

Application No.

Index of Claims

Applicant(s)